

## TECHNIQUE RUSH IS FEATURED BY FIERCE FIGHTING

**Dormitory Men Well Organized  
With Two Teams Entered  
in Struggle**

### SCOTCH BAGPIPERS PLAY

**Over 40 Students in Annual Battle  
Brave Danger of Rush to  
Possess Paddle**

Fighting of the gamest kind was the outstanding feature of the annual Technique Rush, one of the main attractions of Open House. Over forty students dared the danger of battle in an attempt to win a precious paddle and thus cover themselves with glory and grease in that twenty minute period in which those wooden objects of all the struggle were passed out of the roof of the slimy, grotesque hut standing defiant of attack in the middle of the baseball diamond. Long before the scheduled time for the rush, the crowds started to collect about this improvised open air fight arena. When the faint music of the Scottish bag pipes were heard floating over from Walker Memorial heralding the start of the affair the mob had swelled to such proportions that the roofs of cars and adjacent buildings had been resorted to.

### Announce New Board

A long file of white clothed students then appeared trailing three kilted Scotchmen playing their bagpipes. These old and new members of the Technique Board marched to the field where they formed about the hut in a huge circle while Eddie Morris, famous Harvard Stadium announcer, belled out the names of the newly elected managing board of the new volume of the yearbook, following this with the rules of the Rush. A shot then rent the air, the signal for the appearance of the first paddle from sources unknown. From the middle of the field was tossed in the air a large black and white beach ball which precipitated a combined soccer, football game and brawl among the contestants who pushed, pulled and rolled all over the field until finally Norman M. Dahl '29 secured undisputed possession of honor and the ball. The mob was then quieted and withdrawn to the sidelines while the hut was smeared, coated and plastered with black grease.

### Harper Gets First Paddle

A single shot then started the Rush, and the students who had formed in two main groups on opposite sides of the field raced for the hut and fought the grease and their fellow students to reach the top of the roof where paddles were to appear at one minute intervals. Alfred W. Halper '32 was the first to be rewarded for his tortured

# OVER 25,000 PEOPLE VIEW TECHNOLOGY ON SEVENTH OPEN HOUSE

## Signups For 1929 Senior Week Will Be On Sale Today

**Drive to Sell Tickets for Class  
Function is Scheduled to  
Continue All Week**

Signups for the Senior Week events can be purchased today and any other day this week at a desk that will be maintained in the Main Lobby. In addition they may be obtained from any member of the Senior Week Committee.

As previously announced, the price of a blanket ticket including all the events will cost \$18, the signup being \$5. This ticket will include the Prom, Banquet, Picnic, Tea Dance, Pops Concert, and Senior Week Booklet. A signup for the Prom alone may be obtained for \$3, the redemption being \$9. A blanket ticket that includes everything except the Prom will cost \$6 for redemption and \$2 for signup.

Redemption of these signups will probably be held during the week of May 6. In order that the Committee may complete plans for these events as soon as possible, they wish to urge all Seniors who intend to take part to signup early.

Members of the Committee announced yesterday that the first installment of "The Senior Superheater" will appear today. This paper will tell of Senior Week activities and will help to stimulate interest among members of the fourth year group. It will be issued in two stages, the second making its appearance in about two weeks.

## ALL EXHIBITS ARE EQUALLY POPULAR WITH HUGE CROWD

**Visitors Remain Longer in Steam,  
Hydraulic, and Compressed  
Air Laboratory**

### THROUGH LARGER AT NIGHT

On one of the most beautiful days this spring Technology played host Saturday to 25,000 people who thronged the buildings in an effort to see what the students do during the school year. Every room was visited by the crowds and it is difficult to say just which department was the most popular, although it seemed as if the visitors remained longer in the Steam, Hydraulic, and Compressed Air Laboratory than in any other place.

During the day the many events scheduled, regular and special exhibits in the Institute, wrestling, boxing, gymnastic, and fencing exhibitions in Walker, the Technique Rush, crew races, Guard Mount, and the Band Concert, the Dramashop and Tech Show productions and the Musical Clubs Concert in the evening made it hard for the visitors to decide where to begin. However, this did not keep them from seeing everything and the buildings were crowded from 2 till after 10 o'clock.

Memorial Drive was crowded during the whole time that the Institute was open and machines thronged the Harvard Bridge. While the various

(Continued on Page 4)

## P. H. Starratt '30 Elected To Head Next Technique

**Wyman '30 is Managing Editor  
and Botzow '30 is New  
Business Manager**

At the Technique Rush it was announced that the next volume of Technique is to be headed by Parker H. Starratt '30, who was elected General Manager. Starratt prepared for the Institute at Malden High School where he was Treasurer of his class and business manager of the yearbook. He is a student in Naval Architecture and has been active in Technique circles since entering the Institute. He is a member of Grogo, Technique's honorary society and Pi Delta Epsilon, an honorary society of Journalism.

In addition to Starratt, the remaining elections to the Managing Board are George F. Wyman '30, Managing Editor; Herman S. D. Botzow, '30 Business Manager; Joseph J. Alkazin, '31, Publicity Manager; Charles E. Starr '31, Advertising Manager; Robert P. Parker '31, Features Editor; Rotheus B. Porter '31, Literary Editor; Alanson McD. Gray '31, Photography Manager; Theodore R. Heim '32, Department Editor; Leslie H. Reed '31, Treasurer; Robert H. Morris '31, Snapshots Editor; and Elliot Whitaker '32, Art Editor.

## CREW LOSES HARD FOUGHT RACE WITH PRINCETON VARSITY

**Nassau Boat Takes Lead in Last  
Quarter of Race as Crews  
Go into Sprint**

### PRINCETON SETS RECORD

**Jayvees Lose to Tigers by Length  
and Half After Leading  
First Quarter**

Looking beautiful in defeat the famous Varsity eight lost one of the hardest fought races ever run on the Charles by a length after remaining prow to prow with the Tiger oarsmen for over a quarter of a mile. In the first race the 150 pound crew lost to the light Princeton boat by a length and a quarter, after the Princeton boat had led by about a half a length over the entire course. Taking a fast start, the Jay-Vees also lost their race after having a length lead over their opponents at the quarter mark.

### Engineers Take First Lead

With a slight breeze up the river, the Varsity took the lead at the gun with a long smooth stroke, which they increased to a quarter of a length at the quarter mile mark. The Princeton stroke which was about the same count as the Engineer boat was a little shorter, and allowed the Technology crew to lead by a quarter through the Harvard Bridge. As the crew approached the Institute, the Princeton stroke went up, bringing the Tiger boat even at the three quarter mark. With a long powerful stroke both crews kept prow to prow, Technology showing beautiful oarsmanship as they pulled ahead for a slight lead.

### M.I.T. Loses in Sprint

Nearing the finish, the stroke of both crews went up for the final sprint, Princeton forging ahead with a quarter-length lead, which they kept as the crews approached the finish line. With less than a hundred yards to go, McLeod, number 7 on the Engineer boat, caught a crab, and the Princeton boat shot far ahead, increasing the distance between the boats to a length and a quarter. In spite of the three stroke loss, the Engineer boat staged a terrific finish, gaining more than a quarter of a length on their opponents, but the Tiger lead was too great, and the distance between the crews was a little more than a length at the finish. Whether the misstroke of McLeod lost the race for Technology is doubtful, as Princeton had a quarter of a length on the Cardinal and Gray oarsmen as they approached the finish. The stroking of John Clingerman in the Princeton boat was in beautiful form,

(Continued on Page 3)

## ELEVEN NEW MEMBERS ELECTED TO STYLUS

At a meeting of Stylus, honorary society of THE TECH, the following new members were elected; Ralph Davis '31, Wendell N. Currier '31, Edward B. Hubbard '31, Edwin S. Worden, Jr. '31, Gilbert M. Roddy '31, Harmon J. Truax '31, John K. Minami '31, William B. Schneider '31, John W. Bahr '31, Myron F. Burr '31, and Elmer W. Harmon '30. The new members will be initiated at a banquet to be held on Wednesday, May 8.

## Summer Registration Material Now Ready

Registration material for the summer sessions is now ready and may be obtained at the Information Office, Room 10-100. Attention is called to the fact that all registration material and fees must be returned to the proper offices by noon on the last working day prior to the beginning of the summer term. Failure to follow this rule will make necessary the payment of a \$2.00 fine to Bursar Horace S. Ford. The fee for the entire summer session will be five dollars regardless of the number of courses taken.

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## Airplane Model Tested By Sceptic Young Guest

One visitor to Technology during Open House day was sceptical about airplane models which were on exhibition in Building 33 for use in the large wind tunnel. He wanted to see if the models would fly or if they were just toys that did not work. Accordingly he picked up a small metal plane and with all his might sailed it into the air. The small airplane made a fortunate landing and was not broken, but a freshman guard was then put on duty to see that Young America would refrain from testing the models.

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## As We See the Movies

Another side to that "sine quo non" of the movies, the eternal triangle, is developed in "Betrayal," a new Paramount release which is the feature at the Met this week. Of course there are triangles and triangles, most of them rather boring, but this one, in which Emil Jannings, Esther Ralston and Gary Cooper form the "dramatis personae," has new angles which are foreign even to the most accomplished engineer.

Particularly forceful and competent is Janning's characterization of the Swiss Burgher. In this role, the famed actor used his talent to make the self-satisfied, good-natured mayor of a small Alpine village a character who is more human than was the mad Czar in another famous production, "The Patriot."

Gary Cooper, as a Viennese painter, and Esther Ralston, as a beautiful Swiss mountain girl, form the reason for the triangle. Loving her devotedly before the marriage which was forced on her by her parents, Cooper becomes the friend of the family, called "Uncle" by the children, and always received with a warm welcome. Ignorant of the tragedy in his wife's life, Jannings is oblivious to anything but his love for his family, and his friendship for Cooper makes the situation difficult. The whole story moves forward rapidly, and the plot is excellent.

In the stage show, "Castle of Dreams," all the well-known characters of "Mother Goose" appear. The feature of the unit is the Mother Goose Parade, a cleverly executed display. Of the specialty acts, that which is perhaps the best is given by Mary Spoor and Jack Parsons, whose finished interpretation of an animated doll dance meets with hearty approval. From a mechanical actioned doll Miss Spoor turns to a scintillating dancer, performing in each case very prettily. Eddie Allen and Doris Canfield gave the usual song-and-dance act. The Foster Girls are the chorus this week, and their colorful costumes add considerably to the general effect of the setting.

## Many Prominent Movie Actors Go Through College

### Academic Training No Assurance of Following Selected Occupation

"Ex-collegians," Claude Binyon discovers in the May College Humor, "are sprinkled throughout show business so indiscriminately as to cause someone with time on his hands to wonder how and why they got there. A study of their academic training reveals that most of them intended to enter some other profession, if they intended to enter any."

"Tim McCoy went to West Point and then turned into a cowboy actor for pictures, Ed Gorman studied for the ministry and awoke to find himself a monologist in vaudeville. Paul Whiteman, no less, once studied mining at Boulder. Richard Ringling, whose dad, John, collected considerable birdseed in the circus game, landed in opera after several years of intensive preparation as a student of electrical engineering at Montana University."

"Jules C. Stein, whose Music Corporation controls more than forty jazz bands, studied at the University of Chicago, Rush Medical College and the University of Vienna. He became an outstanding eye, nose and throat specialist, only to return to the fiddle that helped pay his expenses through school."

"Richard Dix rested for some time at the University of Minnesota, not thinking of much in particular, and eventually slid into pictures where his contract calls for salary even while resting."

Considerable choice money and fame is being garnered in Hollywood by college graduates wielding the directorial megaphone, or—in the case of talking pictures—waving a silent finger. On the Warner Brothers lot five of seven directors who once said "yes" to profs now have enough yes-men surrounding them to start an anvil chorus. Included are Howard Bretherton of Stanford, Lloyd Bacon of Santa Clara, Archie Mayo of Columbia, Bryan Foy of De La Salle, and Michael Curtiz all the way from Budapest, U.

"One of these mean persons that would grab your hat through a subway train window has started a rumor that most of the big picture stars will be ruined by talking pictures, because the microphone picks up head rattles. At first it was believed that this would be a great break for college students with ambition to enter the lithping lithograph game, as col-

## Potash Struck by Government in Test Holes Sunk in Texas and New Mexico

### Geological Survey Analyzes 32 Samples from Holes in Permian Basin

Potash has been struck in each of three test holes bored by the Government in Texas and the results of the analyses and other details were made public by the Department of the Interior recently. The Geological Survey is responsible for the analyses of the cores which were taken from the three test holes drilled by the Bureau of Mines under the Potash Act, which provides for joint explorations by the Department of the Interior and the Department of Commerce. All three of the holes penetrated numerous beds of polyhalite interbedded with halite and some anhydrite. Other minerals were recognized, but polyhalite, a complex potassium magnesium calcium sulfate, was the only potash-bearing mineral present.

#### 98.7% Core Recovered

Potash conditions prevailing near the Southern Border of the Permian salt basin are fairly well summed up in the results obtained from the eight tests conducted in this region. The test-hole was drilled in northwestern Crockett County, Texas, about 12 miles southwest of Rankin. It was churn-drilled to the top of the salts at about 468 feet and core drilled thence to a total depth of 1,001 feet. The percentage of core recovered was 98.7. Six beds containing 9 per cent or more of potash (potassium oxide) were encountered, but none of these were as much as a foot thick—the richest, which contained 11.2 per cent of K<sub>2</sub>O in the sample, equivalent to 14.10 per cent in the soluble salts being only 5 inches thick. A bed 5 feet 2 inches thick at a depth of 521 feet contains 6.35 per cent K<sub>2</sub>O in the sample, equivalent to 7.14 per cent in the soluble salts, and may be regarded as having remote commercial possibilities.

So far as these tests go they indicate that these parts of the basin are

less favorable for potash exploration than other portions further west and northwest. Although these tests do not actually condemn the east and south border regions, they justify the discontinuance of further exploration in those areas until well cuttings may reveal localities more favorable than those thus far tested.

#### Private Companies Make Tests

Government exploration preceding and following the passage of the Potash Act has directly or indirectly stimulated private companies to make core tests for potash. Four of these companies have been permitted some public use of their results, and three have cooperated directly with the United States Geological Survey. In all 32 test holes have been drilled in the Permian salt basin. Of these 20 are in southeastern New Mexico, three drilled by the Government and 17 privately. Of the 11 drilled in Texas, including the latest, not yet reported, eight are Government and three private. One private core test hole has been drilled in Kansas. A considerable area of soluble potash salts has been discovered in southeastern New Mexico, in which several beds of these salts and of polyhalite have been found that range in thickness from two to seven feet and in K<sub>2</sub>O content from 10 to 20 per cent. Most of these beds are less than 2,000 feet below the surface and many of them less than 1,500 feet. A privately drilled core test hole in southwestern Midland County, Texas, is reported to have encountered a layer of soluble potash salts and beds of Polyhalite at depths greater than 1,900 feet.

The Geological Survey is continuing its examination and analysis of cuttings from wells drilled for oil in potential potash districts, because information thus gained is useful in extending knowledge of the potash fields and serves as a basis for the further selection of sites for core drilling under the potash act.

## Play Directory

Tickets for all theatres may be bought at Box-Office Prices from the T.C.A., Walker Memorial.

### Screen

**MAJESTIC:** "Noah's Ark" Dolores Costello and George O'Brien in a production of unusual merit.

**METROPOLITAN:** "Betrayal" Stage show and picture both very good. Reviewed in this issue.

**LOEW'S STATE:** "Coquette" Continuing for another week. Mary Pickford shows that an old actor can come back.

**OLYMPIA and FENWAY:** "The Glad Rag Doll" An all-talkie in which light comedy and vivacity run riot.

**TREMONT TEMPLE:** "Simba" An ever popular type of movie—the story of the adventures of Mr. and Mrs. Martin Johnson in Africa.

### Stage

**COPLEY:** "Andrew Takes a Wife" A bright comedy as a relief from the long run of mystery plays at this theatre.

**PLYMOUTH:** "This Thing Called Love" Another comedy, with the original New York cast. Very well played.

**WILBUR:** "Lovely Lady" Mitzi is always welcome in Boston. This time she shows her ability to dance ballet as well as musical comedy.

**APOLLO:** "Luckee Girl" Still continuing at Boston's newest theatre. Such popularity must be deserved.

**SHUBERT:** "Good Boy" Helen Kane, if you know what I mean. Well up to Arthur Hammerstein's standard.

**COLONIAL:** "Cheers" Will Rogers "pinch-hitting" for Fred Stone" certainly makes a homer.

**HOLLIS:** "The Beggar's Opera" Good music and singing. Cast appreciates the true value of this gem.

**BOSTON GARDEN:** Barnum and Bailey and Ringling's Circus. The only chance to see this greatest of all Circuses this year.

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## FAIR WEATHER SPORTSMANSHIP

THE Tigers "came, saw and conquered" and did a good job of it. But "Are we down-hearted?—NO!" The crews rowed good races, learned a great deal and are ready to finish the season in the auspicious manner in which they started it.

The danger in this situation is not from the crew, but rather from the student-body. Too prone are we at Technology to support a winning team, to bet on a sure thing. We were all smiles and good cheer last week when the prospects were bright, but our fair weather sportsmanship will not support our fighting representatives when they are losing.

Never in history have we had a crew which showed such promise. The news notices which they have received, have brought to Technology much favorable publicity and a wealth of outside interest. Whether they reach Poughkeepsie or not, we at the Institute have an opportunity of a life-time to show this crew what real student backing means.

## AN OPEN HOUSE PREVIEW

THE curtain has fallen on Open House, 1929, and the performance has hastened to join its illustrious predecessors. Crowds have come, gazed and vanished. Life has reverted to the beaten path, even for the husky-voiced query-answerers in charge of machines and demonstrations.

Amid all this questioning, however, there is one question unanswered and perhaps unasked, "Why not an Open House exclusively for students and faculty of the Institute?" On the face of it the idea may sound selfish and unworthy, yet why should not those whose life work is or will be along similar channels be able to witness these demonstrations without feeling that they are crowding in front of some guest?

A simple measure would make this plan easily possible. Open House is always on Saturday, and it would require but little more effort to complete the exhibitions on the Friday preceding, thus allowing a private showing the next morning, for which the students might well be excused from classes to see. Then, instead of the hub-hub and confusion of half-finished displays, a smoothly-running all-Technology Open House could be shown, and the experiments explained in more technical terms.

A more appreciative group does not exist than this particular audience. Each student at Technology is interested in all the departments and what they are doing, yet when does he have the time or opportunity to see their equipment in action. And at the afternoon and evening Open House, with scores of visitors, no student, no matter how enthralled, can elbow his way to the front of a large group around an exhibition.

The public at large gains from Open House a wonder at the marvels of science, in most cases, an uncomprehending wonder—plus a wholehearted admiration for the Institute. This is exactly what is desired and expected, but doesn't it seem unfortunate that a presentation which means so much work and time, should go so largely unappreciated—when the students themselves would form an audience, at once eager and understanding.

Why not at least half a day for students and faculty only? Technology Open House as it is, of course, is excellent in every way it pertains to be—and its upbuilders cannot be commended too highly. It is because it is so successful that we feel more of it is due "the native sons."

## WE THANK YOU

FOR the first time in the history of Open House, the visitors came to Walker. Always in times past the guests have seemed to fear the walk from Building Two, and have consequently gone away with no thought to the extra-curricular activities of the students.

The reasons for the welcome change of policy were several. For one thing, the Technique Rush was not in the Great Court, a new arrangement whose good points far outweighed its disadvantages. Then there was this year a great increase in interest shown by the various publications and activities, which was evidenced by the "Sunday Clothes" aspect of the offices. But more important, we may account for this new departure by the efforts of the Dramashop and Tech Show.

To these two groups, who were responsible for a heretofore unknown interest in student affairs, Technology owes a great debt of gratitude. On behalf of the students, we give them a sincere vote of thanks.



# CREW LOSES PRINCETON RACE RELAY TEAM TAKES A THIRD AT PENN

## Varsity Eight Loses Out At Finish After Rowing Close Race With Tigers

(Continued from Page 1)  
and did much toward winning the victory for Princeton.

**New Course Record**  
By winning the race, the Princeton eight set a new course record of 9 minutes and 24 seconds, while the Engineer boat crossed the line just four seconds later. This was the first race over the course, and was one of the hardest ever fought on the Charles.

### J. V.'s Lead to Harvard Bridge

With a slight head wind, and a choppy course to race, the J. V.'s took the lead at the start by setting a fast stroke, which they increased rapidly having almost a length on the second Tiger Varsity at the quarter. Both crews rowed easily, with long smooth strokes as the boats approached the Harvard Bridge, the Engineers splashing a little. As the boats neared the bridge, both strokes went up, but the Tigers, who were rowing a faster stroke, pulled up to the Technology boat, passing them as both shells emerged from the bridge. Shooting ahead with a long powerful stroke, the Tigers increased the distance between the crews to a half as the boats passed the Institute. Due to the rough water of the lower Basin, both crews were chopping badly as they approached the finish.

### Tigers Spurt at Finish

When about 300 yards from the finish, the Princeton eight started the final spurt, and their lead went up to a length and a half, making their victory almost certain as both crews, rowing hard, neared the finish line. The Princeton stroke, which was now longer and smoother, increased again, and the Tigers crossed the line more than two lengths ahead of the Technology eight. The race was hard, but the Princeton eight proved themselves to be better oarsmen, and won by a comfortable margin. The times for the race were: Princeton, 9 minutes and 25 seconds; Technology, 9 minutes and 34 seconds.

### 150's Lose First Race

In the first race of the afternoon, the 150 pound oarsmen lost their first race this season to the Tigers after railing the light Princeton eight by a quarter of a length over the entire length distance. Technology, splashing badly at the start, lost the lead, although their stroke was higher, to

## Lacrosse Players Lose First Game

### Inexperienced Engineers Offer Little Opposition to Veteran Players

Playing their first game of lacrosse, technology's Varsity twelve went down to a 10 to 1 defeat at the hands of Boston Lacrosse Club Saturday afternoon. The game was more of a practice affair, and gave the Engineers some valuable hints about the sport. They fared rather well in their first performance in spite of the large score indicated, and showed a sure sign of progress when they will have gained more experience. Early in the first half the inexperienced Engineers failed to get organized, and after five minutes of play Murphy shot the ball past the keeper for the first score of the game. Two minutes later McQuade scored, rapidly followed by Murphy again. After this Technology's defense tightened up a bit, and held its opponents for fifteen minutes. In less than ten minutes to go, technology broke through for a score, and his teammates accounted for three more making the score, 7-0 in favor of Boston when the half ended.

### Second Half Closer

A close battle was staged in the second half, only three goals being scored by Boston, and one being made by M.I.T. R. Murphy opened for the half, followed by Sullivan and McQuade. With one minute to go, Fricker won the distinction of being the first Engineer to score when he drove the ball past goalie Soden. Dave Motter and Harry Soden put

the Tigers who started with a long even beat. At the quarter mark, the boats were a quarter of a length apart, both crews rowing hard. At the half the Tiger had increased their lead to a half a length, and as the boats neared the Harvard Bridge the Tigers increased their lead to three-quarters. The crew was showing fine form, but could not keep up the terrific pace set by the Princeton eight. As the crews approached the finish both strokes went up and the Cardinal and Gray crew threatened the lead, but the Tigers pulled away to win by a length and a quarter.

### THE SUMMARY:

**VARSITY CREWS**  
Princeton—Bow, Ballantyne, Jones, Lawrence, Merrill, Burkham, Thompson, Pease, stroke, Clingerman; coxswain, Colmore.  
Tech—Bow, Bennett, Evans, Byrne, Holt, Richardson, McLeod, stroke, Otis; coxswain, Karas.  
Time—Princeton, 9m. 24s.; Tech, 9m. 28s.

**JUNIOR VARSITIES**  
Princeton—Bow, Wolfe, Armitage, Uthlein, Chamberlain, Winsor, Miller, McPherson, stroke, Bromley; coxswain, McNeely.  
Tech—Bow, Wells, Binner, Kohler, Dolben, Bourne, Tittman, Landen, stroke, Zurweller; coxswain, Booth.  
Time—Princeton, 9m. 25s.; Tech 9m. 34s.

**150-POUND CREWS**  
Princeton—Bow, Frost; Wimberly, Wellborn, Kerr, Hallett, Wilcox, Stevens, stroke, Thompson; coxswain, Hipple.  
Tech—Bow, Christie, Nason, Burley, Harris, Walker, Gibbons, W. McKusick, B. McKusick; coxswain, Bullock.  
Time—Princeton, 7m. 21s.; Tech, 7m. 27s.

## RICHARDS' CUP RACE WILL BE HELD MAY 9

### Junior and Senior Eights Will Be Chosen This Afternoon

This year the annual Richard's Cup race will be held on Thursday, May 9, at five o'clock. More interest than usual is being shown in this race at the present time, and the contest promises to be one of the best in history.

The Junior and Senior Class crews will be formed today, and all men who have had experience in rowing should show their class spirit by entering the competition for places in their respective boats.

### 1930 Won Last Year

Last year this race was won by the Class of 1930, who comprised the Sophomore crew of that time. Following the usual custom, each man who rowed in the race received the gold Richard's Cup Medal.

The second freshman and the 150 pound freshman crews will hold a race to decide which eight will represent the Class of 1932 in the Richard's Cup event. From the present indications, the winners of this preliminary race will be the strong bidders for the Cup race. They present a problem which the Sophomores, Juniors, and Seniors will find difficult to overcome.

Sophomores at the University of Toronto are now fully convinced of the efficacy of jiu-jitsu. A Japanese freshman, upon being accosted and assaulted by five sophomores for infraction of rules, resorted to his native method of defense to the complete chagrin of the second year men. The hazers were routed not without personal injury. And the Jap warrior asserts that all blows were legal according to the code of jiu-jitsu even though they might have contravened Marquis of Queensbury rules.—Vermont Cynic.

on some very good defensive plays, while Bill Olmstead, Jack Fricker, and Ad Kocher played well on the defense. Outstanding among the visitors were Captain Reed, M. Murphy, McQuade, and R. Murphy.

**THE LINEUP:**  
M.I.T. 1. Gardner, E. 2. Westman, P. 3. Kittendaugh, J. 4. Soden, S. 5. Walker, T. 6. Goodhand, C. 7. Matthews, T. 8. Fricker, S. 9. Kocher, J. 10. Olmstead, O. 11. Puffer, I. 12. Referee: Wagar. Goals: M. Murphy 3, McQuade 2, R. Murphy 2, Withington, Taylor, Sullivan, Fricker. Time: One thirty-minute, and one twenty-five minute halves.

## RELAY TEAM WINS THIRD PLACE IN RELAY CARNIVAL

Colgate and Michigan State Win  
from Pick of Country  
in Class B Race

### SEVEN COLLEGES START

Opening their extramural season at Philadelphia on Saturday afternoon the Engineer relay team took third place in the Class B One Mile Relay Championship in the Penn Relay Carnival. History repeated itself as the team fell before the speed of Colgate and Michigan State, for last winter in the Millrose Games held in New York City the team lost to Colgate by inches and two years ago at the Penn Carnival lost to Michigan State in the same manner. The Colgate team that ran on Saturday was composed of the same men that ran against Technology in the Millrose games.

### Good Running by Engineers

There were seven teams starting in the Class B One Mile race. For Technology, Fred Ladd started off the race, and ran his quarter in 50 3-5 seconds. Taking the baton from Ladd, Herberts sped off for his quarter mile. At this point, the end of the first half mile, the Technology runners were 15 yards behind the leader. Berry was the third runner for M.I.T., he was pitted against Strollwerck and was unable to close up the gap appreciably. He ran his quarter in 51 1-5 seconds. Captain Hallahan ran anchor man for the Engineers and closed up the gap considerably. He gained 8 yards on the leaders to come from fourth place up to third and ran the distance in 50 1-5 seconds.

### Ladd and Hallahan Excel

Ladd and Hallahan made their best showing so far in this race. Their times were both the fastest they have made yet, and their running was the smoothest they have ever done. They did the fastest running for Technology during the afternoon and contributed considerably to the good showing that the team made. The teams entered in the races at the annual Penn Relays are the pick of the country and second rate teams are not sent to compete.

## Baseball Players Renew Interclass League At M.I.T.

Intramural Baseball is Revived  
After Four-Year period  
of Inactivity

Last Thursday afternoon the baseball enthusiasts of the Institute gathered for their first meeting of this year. Supervising manager Pruckner conducted the meeting which was held for the purpose of reviving the intramural sport of interclass baseball, attended by about thirty men.

The last intramural baseball held at Technology was in 1925, and it was so successful that year that the Beaver baseball club was started in accordance with popular opinion. This was a club that unofficially represented Technology in the great American sport. This year it is not to play and in its place there will be conducted twelve interclass games.

### Awards Will be Made

Class numerals will be awarded to the members of the winning team and the numerals of the winning class will be inscribed on the Baseball Cup. The Institute will supply all bats, baseballs, and catching equipment but individual members will have to supply their own favorite gloves.

The games are scheduled to start next Tuesday and they will be held for the rest of the term in the afternoons. All men interested are requested to report to either the class managers or the supervising manager.

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## Rifle Team Closes Most Successful Season Ever Experienced By Beavers

By R. G. ORLEMAN  
Manager of Rifle

This year the rifle team has had the most successful season since the sport was established at the Institute. Including mail and telegraphic matches, shoulder-to-shoulder matches, and the Eastern Intercollegiate, a total of 58 teams have been fired against, and of these, 44 have been defeated.

Practice commenced about the end of October, with five of last year's letter men and about one hundred new candidates. Shoulder-to-shoulder matches were held in December with the First Corps Cadets and the 101st Infantry, and the team showed early strength by winning these matches by overwhelming scores. In January a shoulder-to-shoulder match was fired with the U. S. Marines team from Charlestown, and the Marines were badly beaten. The following week the team met Boston University in a match at the National Sportsmen's Show, a unique match in that it was open to the public and witnessed by a fair-sized crowd. In spite of the trying conditions, the team shot as well as if it were on its own range, and won easily.

### Wins R. O. T. C. Title

The First Corps Area R. O. T. C. match was then fired in successive stages, and was won by M.I.T. against seven other collegiate teams in the First Corps Area, Norwich finishing second, and University of Vermont third.

At the beginning of the second term, a return shoulder-to-shoulder match was fired with Boston University, which M.I.T. won by the score of 1332-1270. In the middle of February the N. R. A. New England League matches commenced, one being held each week. The M.I.T. team proved to be in a class by itself in this league, and won each of its matches by a wide margin, finally defeating Norwich, its closest rival, by 50 points and winning the New England championship.

### C. C. N. Y. Is Defeated

Early in March a trip was made to New York, where C. C. N. Y. was encountered. C. C. N. Y. had been turning in scores on a par with those of M.I.T. in telegraphic matches, but when the teams met shoulder-to-shoulder the New York team cracked, and M.I.T. won 1352-1270.

Two weeks later the team journeyed south and in a shoulder-to-shoulder match with George Washington University last year's National Champions, was defeated 1327-1333. As the team had shot considerably better than this against C. C. N. Y., the result was rather disappointing. The following day the team went to Annapolis, and although it shot well, lost 1344-1375 to the powerful Navy team.

### Become Eastern Champions

Three weeks later, on April 13, in the last match of the year, the team won its most notable victory at the N. R. A. Eastern Intercollegiate, held in Boston. Although nine other teams were present, among them

Columbia, Syracuse, and C. C. N. Y., which were reputed to be the strongest teams in the East, M.I.T. finished on top with a score of 1300, followed by Columbia with 1281. Clark, of M.I.T., won the Eastern individual championship in this match with a score of 272. On this same date three other sectional matches were fired in different parts of the country, the highest scorer being considered the national champion. Iowa State had high score with 1365 points while Navy was fourth with 1349 and M.I.T. placed eighth, the total number of teams being twenty-eight.

### Bright Hopes For Next Year

Of the eight consistent high scorer on the squad, five—Kohler, Loomis, Orleman, Captain Reddig, and Twarogowski—were letter men last year, while Plugge once fired on the George Washington University team, and Clark and Hamilton, the two Sophomore stars were on last year's freshman team. By graduation Kohler, Loomis, Plugge, and Reddig will be lost but the remaining four men will constitute a powerful nucleus for next year's team. There are several other men, Sophomores, on the Varsity squad who turned in first class scores toward the end of the season and who will undoubtedly show up to advantage next year, and with several good prospects now on the R. O. T. C. freshman squad, it appears likely that next year's team will be a very good one.

## LATE RESULTS OF WEEK-END SPORTS

Wes Reynolds of the Gym team took third place on the rings in the National Amateur Championships held at Philadelphia last Saturday. He was the only member of the Institute team to compete.

The Varsity Tennis team lost to Amherst on Friday by the score of 6-3. Searles and Ferrer won their singles matches while Studley and Searles, playing together in the doubles, won their match. The doubles match of Studley and Searles proved to be the hardest fought of the afternoon. The score was 9-11, 7-5, 6-3.

The Varsity tennis match scheduled to be played with Williams was cancelled due to the flooded condition of the Williams courts.

## 10-Yr. Man Still Lauds This Smoke

Utica, N. Y.  
Aug. 30, 1928

Larus & Bro. Co.,  
Richmond, Va.

### Gentlemen:

Just a line to let you know where some of your tobacco has been going for the last ten years.

I have been smoking Edgeworth for the past ten years; in fact, since I started smoking, and it is just as good now as it was then. Have given other brands a fair trial, but there is none like Edgeworth. During that time I have had costly pipes and some not so costly, but I have decided that it is not the pipe but what is in it that counts.

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Sincerely,  
(Signed) N. A. Vaeth

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## NOTICES and ANNOUNCEMENTS Of General Interest

**Faculty Club Luncheon Meeting** Dr. Winfred Overholser  
Monday, April 29, 12 M., Walker Memorial, Faculty Dining Room

Dr. Winfred Overholser, Director of the Division for the Psychiatric Examination of Prisoners, which is under the State Department of Mental Diseases, will give the last talk in the series on Mental Health and Disease. The topic of his lecture will be "The Legal Aspects of Psychiatry".

**The Making of Seamless Steel Casing** Mr. A. E. Crockett  
Monday, April 29, 4 P.M., Room 4-270

Mr. A. E. Crockett, Manager of the Bureau of Instruction of the Jones & Laughlin Steel Corporation, Pittsburgh, Pennsylvania, will deliver a lecture on "The Making of Seamless Steel Casing". The lecture will be illustrated with moving picture films.

The lecture is open to students and members of the instructing staff.

**Switching Problems** Dr. J. Slepian  
Monday and Tuesday, April 29 and 30, 3 P.M., Room 10-275

Dr. J. Slepian of the Westinghouse Electric and Manufacturing Company will conduct the third colloquium of the series. The subject of this discussion will be "Switching Problems."

The colloquium is open to members of the instructing staff, graduate and senior students and the Junior Honors group.

### Calendar

Monday, April 29  
3:00—Colloquium on "Switching Problems," Room 10-275.  
4:00—Lecture, "The Making of Seamless Casting," Room 4-270.  
Wednesday, May 1  
6:30—Corporation XV Monthly Dinner Meeting, Durgin Park & Co.  
Thursday, May 2  
9:00—Course VI-A Prom, Longwood Towers.  
Tuesday, April 30  
3:00—Colloquium on "Switching Problems," Room 10-275.

### FRESHMAN TRACKMEN BEATEN BY ANDOVER

**Times of Six College Meets Are Bettered by Yearlings**

The freshman track team opened their season last Saturday when they met Andover at Andover. They were defeated by a score of 89-28 but the score does not show the true work they did. They were victorious in most of the track events but failed to come through in the field events. Bailey and Robertson were the only yearlings to score in the field events while the 100 yard dash was the only track event in which the Engineer cubs failed to take first place.

In the 220 yard dash Wayne came through for a first place in 22.1-5 seconds. This time was faster than the times made in the Bowdoin-Tufts, Amherst-Mass. Aggies, Trinity-Clark, Norwich-Conn. Aggies, Northeastern Handicap, and the Brown-Wesleyan-Rhode Island State meets in this same event. These meets were all Varsity competitions and points to the high calibre that the freshman team is this year in the track events.

In the Quarter mile run Hall repeated the good showing of Wayne and bettered the times made in all the above meets except the Northeastern Handicap when he ran the distance in 52.3-5 seconds. In the half mile run Jewett ran the distance in 2 min. 32-5 sec. to equal the time made in the Amherst-M. A. C. meet and better the times of the above meets.

In the mile run Gilman came through to win again, taking the event in 4 min. 45.1-5 sec. In the 100 yard dash Wayne lost out to Osborne of Andover by inches when Osborne came through to win the event in 10 sec. flat. A summary of the meet follows:

One hundred-yard dash—Won by Osborne (A); second, Wayne (T); third, Woodward (A). Time—10s.

Two hundred and twenty-yard dash—Won by Wayne (T); second, Osborne (A); third, Woodward (A). Time—22.1-5s.

Four hundred and forty-yard dash—Won by Hall (T); second, Page (A); third, Newfield (A). Time—52.3-5s.

Eight hundred and eighty-yard run—Won by Jewett (T); second, French (A); third, Rogers (T). Time—2m. 32-5s.

Mile run—Won by Gilman (T); second, Duchesne (A); third, Johnson (A). Time—4m. 45.1-5s.

One hundred and twenty-yard hurdles—Won by Williamson (A); second, Pitkin (A). No competition, not counted in score. Time—16.1-5s.

Two hundred and twenty-yard hurdles—Won by Wright (A); second, Pitkin (A); third, Corson (T). Time—25.4-5s.

High jump—Won by Moore (A); second, tie between Reed and Marsh (A). Height—5ft. 10 in.

Broad jump—Won by Moore (A); second, Williamson (A); third, Churchill (A). Distance—22 ft. 3.1-2 in.

Pole vault—Won by Pickett (A); second, tie among Pierce, Brown and Laundon, all of Andover. Height—11 ft. 6 in.

Shot put—Won by Jackson (A); second, Houston (A); third, Bailey (T). Distance—48 ft. 3 in.

Hammer throw—Won by MacDougall (A); second, Kiddle (A); third, Brunner (A). Distance—152 ft. 9 in.

Discus—Won by Houston (A); second, Neefus (A); third, Jackson (A). Distance—122 ft. 6 in.

Javelin—Won by Keesling (A); second, Robertson (T); third, Houston (A). Distance—166 ft. 10 in.

## SEVENTH ANNUAL OPEN HOUSE DAY ATTRACTS CROWD

Main Lobby Decorated with Prize  
Winning Designs of Students  
in Architecture

### RECEPTION BY PRESIDENT

(Continued from Page 1)

crew races were in progress hundreds lined the rail on the walk in order better to see the races. At night the many searchlights illuminating the buildings made an imposing sight and attracted visitors from all over Boston.

While there were not as many contestants in the Technique Rush as heretofore, the fight was very exciting and was enjoyed by all the visitors if not the contestants. This year the Dormitories won all except three paddles. Nerses Der Marderosian '29 who left the field with two paddles, and Belvin F. Williston '30 were the non-Dormitory winners. Glenn N. Andrews '29 captured three paddles, Alfred W. Halper '32, two, and the rest were obtained by different men from the Dorms.

### Chemistry Students Lecture

Students in freshman Chemistry gave short lectures on metals, gases, dry battery, chromium plating, thermite, modern dyeing, time reactions, and the silvering of glass during the day in Room 10-250 and this room was crowded almost all the time. Another exhibition of plating, including the new process of chromium plating, was given by the Electro-chemical laboratory and this proved to be very popular also.

The walls of the Main Foyer were covered with prize winning designs in Advanced Architecture and before the front door was a bust of William Barton Rogers, founder of the Institute, surrounded with flowers. Before this beautiful background President Samuel W. Stratton, Mr. and Mrs. Morris Paris, Professor and Mrs. Samuel C. Prescott, C. Brigham Allen, '29 President of the Senior Class, and Gordon F. Rogers '29, President of the Combined Professional Societies, received at an informal reception held between 8 and 9 o'clock.

### Model Railroad Popular

One of the most interesting exhibits according to the number of people who crowded the room in which it was placed was the model railroad illustrating the use of automatic block signals that had been constructed by students in the course in Railroad Operation. The freight train going onto a siding and stopping by itself when the faster passenger train overtook it seemed to attract the many people who watched the trains run and the signal lights and switches change.

The many exhibits in the department of Biology and Public Health attracted many visitors. Here were displayed many anatomy and embryology exhibits beside the various instruments used by the biologists and slides showing the germs causing the common diseases. Models of municipal sanitation equipment and methods of examining sewage for contamination were also exhibited.

## NOTED ENGINEER TO CONDUCT COLLOQUIUM

Dr. Slepian of Westinghouse Talks  
on "Switching Problems"

Dr. J. Slepian of the Westinghouse Electric and Manufacturing Company will conduct a colloquium dealing with "Switching Problems" in Room 10-275 from 3 to 5 o'clock on Monday, April 29 and Tuesday, April 30. This is the third colloquium on the general topic of "Scientific Aspects of Design Problems in Large Electric Power Apparatus."

Dr. Slepian will demonstrate the application of the scientific principles discussed in his talk. For this purpose he will use two different types of circuit breakers and will interrupt very heavy currents, showing the great reduction in arc flames which has been secured by the application of these principles.

This discussion group is open to those members of the instructing staff, seniors, graduate students, and the Junior Honors group who are interested in the general topic. On account of the manner in which the subject will be treated, attendance is expected on both afternoons. References will be found on the reserve shelf at Mrs. Maynard's desk in the Library.

A Lafayette professor recently established a precedent when, finding out that the entire class had "cut," he proceeded to search them out in their fraternity houses and dormitories, and to hold the class anyway.

## Those Who Were Lucky Enough to Win Paddles

1. Norman M. Dahl '29
2. Alfred W. Halper '32
3. Richard M. Stewart '32
4. Nerses Der Marderosian '29
5. Alvah E. Perkins '30
6. Samuel Finn '29
7. Belvin F. Milliston '30
8. Glenn N. Andrews '29
9. Robert B. Axford '32
10. Glenn N. Andrews '29
11. Robert B. Axford '32
12. Maxwell M. Kessler G
13. Alfred W. Halper '32
14. Laurence Podvin '31
15. Ben F. Butler '32
16. Laurence T. Tufts '29
17. Nerses Der Marderosian '29
18. Albert F. Williams G
19. Edward Senior '32
20. Glenn N. Andrews '29

## A. I. E. E. TO HOLD LUNCHEON MEETING

Open Discussion on Gas-Electric  
Drive Planned by M.I.T.  
Student Branch

Members and guests of the Student Branch of the A. I. E. E. will hold an open discussion on the subject, "The Gas-Electric Drive for Motor Vehicles", at their next luncheon meeting in North Hall, Walker, Wednesday noon. The meeting is to be the second of its kind given by the Society this year, introductory talks by senior members of Course VI-A being followed by an informal open discussion by all present.

Arthur A. Jones '29, will present the first paper, "An Introductory Discussion of the Gasoline-Electric Drive". He will take up in turn the fundamental principles involved in the gasoline-electric drive, a short description of conventional installations, and the operating results obtained by the use of this type of drive.

The second talk of the meeting on, "Application of the Gasoline-Electric Drive to Pleasure Vehicles" is to be given by Edwin R. Gardner '29. This talk will cover chiefly the requirements of this type of drive, the comparative merits of different equipment, and a description and discussion of the operating merits and characteristics of the Fraser Drive. Discussion by the students present will follow the reading of both papers.

Luncheon is to be served promptly at 12:20 o'clock in North Hall, Walker at a cost of fifty cents for members of the Society and seventy-five cents for non-members. Those expecting to attend the meeting should sign up on the Fourth Year Bulletin Board in order that the Society may know approximately the number of students to provide for.

## COLORED PLATES TO FEATURE HANDBOOK

Black Cover With Gold Edges for  
1929 T.C.A. Publication

Covered in black with gold edges and the seal of Technology, is the style of the T. C. A. 1929 handbook cover. Many of the pictures which have previously been printed in black will be in color in the new publication. The material is almost ready to be printed with the exception that a few of the activities will make some changes.

Those in charge of the 1929 handbook are: Henry O. Pattison '30, General Manager; Louis S. Morse, Jr., '31, Managing Editor; George B. Denison Unc., Business Manager; and two assistants, Reginald W. Tarr '30 and Willard A. Myer '32.

In the other work of the T. C. A. Henry O. Pattison '30 and Reginald W. Tarr '30 spoke on the advantage of a college education at the Lowell Y. M. C. A. in a program put on by the Hy-Y and Try-Hy clubs. Besides the two Technology men there were two representatives from Harvard, one from B. U. and one from Radcliffe. This is the first of this type of talking to high school pupils by students of the colleges in the vicinity in which the T. C. A. has sent representatives.

## CLASS OF '88 HAS ANNUAL GATHERING

The annual dinner of the Class of 1888 was held at the home of Edwin S. Webster in Chestnut Hill last Wednesday. Nineteen members of the class were present. After dinner, the first showing was given of a film, made last summer by Walter K. Shaw, of the features of the fortieth reunion of the class held at that time.

## GLENN N. ANDREWS CAPTURES THREE PADDLES IN RUSH

Fraternities Secure Only One  
Paddle as Dormitories  
Again Dominate

### TWO MEN HURT IN BATTLE

(Continued from page 1)

fresh and tattered clothing by wrestling paddle number two from the roof. From then on the battle waged hotter and hotter until finally improvised stretcher bearers were brought into play.

The dormitory men were out in numbers having two well organized teams one from the old and one from the new dorms. Past experience has shown that co-operation wins the paddles and this year proved no exception. The usual fraternity teams were absent at this Rush and the few men who did enter won but one paddle. The heavier men were seen to stay on the ground where they fought to put and keep the lighter men on the roof until they got a paddle. However one heavy man got to the top of the hut where he managed to stay long enough to do a war dance to the amusement of the crowd but unfortunately was hauled ignominiously down without a paddle.

The top honors of the melee go to Glenn N. Andrews '29 who by brawn strategy or good luck succeeding in winning paddles 8, 10, and 20. All Techniques won in the Rush were autographed by President Samuel W. Stratton.

## Spring Concert Held At Statler Friday Evening

Last Concert of Musical Clubs  
This Season is Well  
Attended

Concluding a successful season with an even more successful concert, the Combined Musical Clubs presented their Annual Spring Concert and Dance in the Imperial Ballroom of the Hotel Statler last Friday evening.

Each of the Clubs made an appearance during the concert, and each was greeted with warm applause by the audience. The specialty act "A Russian Spectacle," featuring Mr. and Mrs. Boris A. Berestneff and Miss Sylvia Armstrong, was the feature act of the evening. The elaborate and colorful costumes did much to make this number a success. The soloists were assisted by a double quartet from the Glee Club.

The Instrumental Club's presentation was featured by the ceremony of passing the baton from H. Brooks Walker '30, the retiring leader, to Warren H. Martel '30, elected to this position for next year.

Dancing followed immediately after the concert, starting at 11.45 o'clock, and ending shortly after 3 o'clock. During the intermission after the third dance, those present adjourned to the Cafe Rouge, where refreshments were served.

The dance itself was very satisfactory, due to the fact that a large crowd was present, although it was not too large to cause crowding on the floor. Approximately 400 couples were present for the dance. Patronesses were Mrs. Robert P. Bigelow, Mrs. James R. Jack, and Mrs. William T. Hall.

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